

Weekly Coal Production

Production for Week Ended:
July 21, 1990



Export/Import
Supplement

Preface

The *Weekly Coal Production (WCP)* provides weekly estimates of U.S. coal production by State. Supplementary data are usually published monthly in two supplements: the Coal Exports and Imports Supplement and the Domestic Market Supplement. This week's Coal Exports and Imports Supplement contains detailed monthly data on U.S. coal and coke exports and imports. The Domestic Coal Market Supplement contains detailed monthly electric utility coal statistics, by Census Division and State, for generation, consumption, stocks, receipts, sulfur content, prices, and the origins and destination of coal shipments. This supplement also contains summary level, monthly data for all coal consuming sectors on a quarterly basis.

Preliminary coal production data are published quarterly based on production data collected using Form EIA-6, "Coal Distribution Report." The coal production estimation error for a quarter at the national level (i.e., the difference between the sum of the weekly estimates for a quarter and the quarterly EIA-6 preliminary data) ranges from 1 percent to 4 percent.

Final coal production data are published annually based on the EIA-7A coal production survey. The re-

vision error for a quarter at the national level (i.e., the difference between the EIA-6 preliminary data and the EIA-7A final data) ranges from .02 percent to .08 percent.

This publication is prepared by the Coal Division; Office of Coal, Nuclear, Electric and Alternate Fuels; Energy Information Administration (EIA) to fulfill its data collection and dissemination responsibilities as specified in the Federal Energy Administration Act of 1974 (P.L. 93-275) as amended. *Weekly Coal Production* is intended for use by industry, press, State and local governments, and consumers. Other publications that may be of interest are the quarterly *Coal Distribution Report*, the *Quarterly Coal Report*, *Coal Production 1988*, and *Coal Data: A Reference*.

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Summary

U.S. coal production in the week ended July 21, 1990, as estimated by the Energy Information Administration, totaled 21 million short tons, a 9 percent increase over production in the previous week and 19 percent higher than in the comparable week in 1989. That week, most of the United Mine Workers of America (UMWA) miners returned to work, following a 5-day work stoppage (memorial period) called by the UMWA for mines East of the Mississippi River. Production East of the Mississippi River totaled 13 million short tons, and production West of the Mississippi River totaled 8 million short tons.

U.S. coal exports in May 1990 totaled 10 million short tons. This brought the total for the first 5 months of 1990 to 41 million short tons, slightly higher than in the comparable period of 1989. Japan and Italy were the two leading destinations, each receiving 5 million short tons and together accounting for one-fourth of total U.S. coal exports. Compared with the first 5 months of 1989, shipments to Japan were down by 1 million short tons, but those to Italy were approximately the same. Other significant importers of U.S. coal were Canada, Belgium and Luxembourg, and France, each receiving between 3 and 4 million short tons.

Exports of metallurgical coal from January through May 1990 totaled 26 million short tons. This was 2 million short tons less than in the same period a year earlier and reflect 25 percent less in shipments to Japan, the leading importer of U.S. metallurgical coal. This appears to be due to the replacement of U.S. metallurgical coal by Australian coal. Steam coal exports during the first 5 months of 1990 totaled 15 million short tons, which was 3 million short tons above those a year earlier. The two leading destinations were Canada and Taiwan.

Based on an average price of \$43-per short ton, U.S. coal exports in the first 5 months of 1990 were valued at \$1.8 billion. During this period the ports of New Orleans, Charleston and Mobile had the largest gains in export shipments compared to the comparable period a year earlier.

U.S. coal imports in May 1990 totaled 144,099 short tons, which raised the total for the first 5 months of 1990 to 1 million short tons. This was approximately the same as in the comparable period a year earlier. Colombia and Canada were the chief sources of imported coal. Based on an average price of \$34 per short ton, the imported coal was valued at \$36 million.

Figure 1. Coal Production

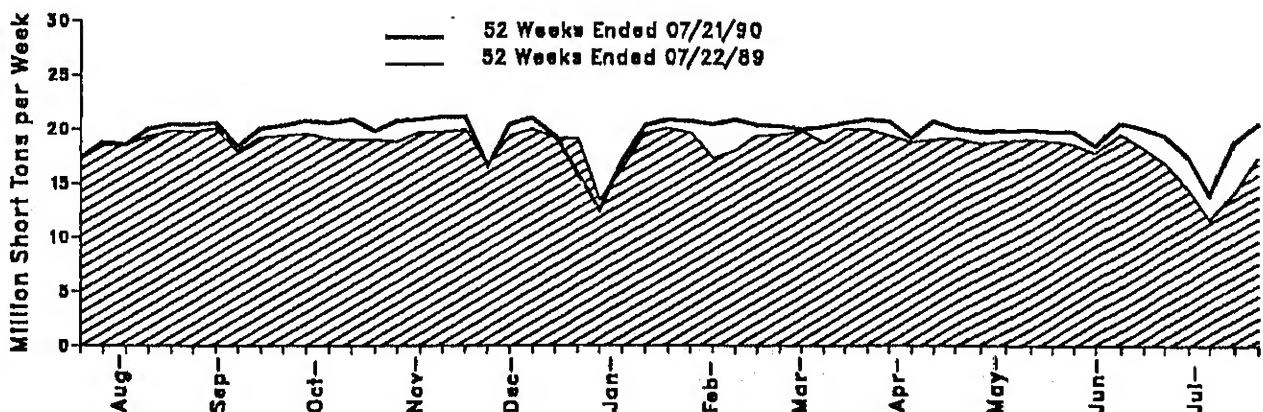


Table 1. Coal Production

Production and Carloadings	Week Ended			52 Weeks Ended		
	07/21/90	07/14/90	07/22/89	07/21/90	07/22/89	Percent Change
Production (Thousand Short Tons)						
Bituminous ¹ and Lignite	20,458	18,750	17,250	1,019,325	982,251	5.9
Pennsylvania Anthracite	74	67	57	3,311	3,554	-6.8
U.S. Total	20,531	18,817	17,307	1,022,636	985,805	5.9
Railroad Cars Loaded	132,052	120,711	111,930	6,607,737	6,363,841	

¹ Includes subbituminous coal.

Notes: All data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-8, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and State mining agency coal production reports.

Table 2. Coal Production by State
(Thousand Short Tons)

Region and State	Week Ended		
	07/21/90	07/14/90	07/22/89
Bituminous Coal¹ and Lignite			
East of the Mississippi	12,610	11,108	10,469
Alabama	608	511	468
Illinois	1,093	985	1,138
Indiana	889	898	679
Kentucky	3,300	2,782	2,918
Kentucky, Eastern	2,463	2,180	2,223
Kentucky, Western	837	602	695
Maryland	59	52	40
Ohio	708	628	588
Pennsylvania Bituminous	1,439	1,295	1,219
Tennessee	149	127	119
Virginia	1,037	885	924
West Virginia	3,330	2,947	2,396
West of the Mississippi	7,848	7,642	6,781
Alaska	28	25	22
Arizona	250	230	229
Arkansas	3	2	2
Colorado	331	312	301
Iowa	8	7	7
Kansas	23	18	25
Louisiana	57	83	74
Missouri	61	65	52
Montana	742	768	708
New Mexico	290	175	158
North Dakota	611	633	480
Oklahoma	37	38	34
Texas	1,251	1,158	1,049
Utah	392	378	381
Washington	100	89	78
Wyoming	3,664	3,663	3,204
Bituminous ¹ and Lignite Total	20,458	18,750	17,250
Pennsylvania Anthracite	74	67	57
U.S. Total	20,531	18,817	17,307

¹ Includes subbituminous coal.

Notes: All data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-8, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and State mining agency coal production reports.

Table 3. Coal Exports and Imports, 1981-1990
(Thousand Short Tons and Dollars per Short Ton)

Year and Month	Exports						Imports	
	Metallurgical		Steam ¹		Total		Quantity	Average Price
	Quantity	Average Price ²	Quantity	Average Price ²	Quantity	Average Price ²		
1981	65,234	\$57.40	47,307	\$45.92	112,541	\$52.57	1,043	\$28.47
1982	64,585	61.07	41,692	49.11	106,277	56.37	742	30.40
1983	49,964	55.49	27,807	46.18	77,772	52.16	1,271	33.59
1984	56,975	52.41	24,508	46.77	81,483	50.72	1,286	35.37
1985	60,313	50.46	32,367	43.92	92,680	48.18	1,952	36.04
1986	54,977	47.81	30,541	42.60	85,518	45.95	2,212	36.02
1987	51,679	44.49	27,928	39.60	79,607	42.77	1,747	32.04
1988								
January	3,449	43.00	984	37.58	4,434	41.80	159	28.57
February	3,458	42.81	1,024	41.16	4,482	42.43	162	27.41
March	5,119	42.95	2,026	39.44	7,145	41.96	221	30.34
April	5,901	43.67	3,042	40.04	8,943	42.44	107	27.24
May	4,953	44.98	2,952	39.35	7,905	42.88	224	43.49
June	4,980	44.82	3,073	38.92	8,053	42.57	257	27.86
July	5,445	44.73	2,858	37.22	8,303	42.15	203	25.34
August	5,389	44.94	3,933	37.42	9,322	41.77	205	27.13
September	6,518	44.34	3,547	36.74	10,066	41.66	29	34.35
October	5,621	44.06	3,389	39.08	9,010	42.19	229	25.55
November	5,563	44.70	2,775	38.47	8,338	42.63	207	31.80
December	5,555	44.17	3,469	39.39	9,023	42.33	131	32.63
Total	61,950	44.17	33,073	38.58	95,023	42.23	2,134	29.96
1989								
January	4,488	43.92	1,818	36.29	6,306	41.72	66	36.14
February	5,298	44.32	1,450	37.14	6,748	42.78	131	31.89
March	6,163	44.17	2,212	36.98	8,375	42.27	334	33.86
April	6,061	44.08	3,042	38.46	9,104	42.20	158	31.46
May	6,303	45.40	3,381	37.40	9,685	42.61	312	32.19
June	5,598	45.82	4,059	38.14	9,657	42.59	218	39.04
July	3,881	45.77	2,328	37.95	6,209	42.84	375	36.65
August	4,925	46.09	3,197	37.30	8,122	42.63	247	33.85
September	5,754	45.94	3,907	37.31	9,661	42.45	303	33.64
October	5,922	45.50	3,371	37.97	9,293	42.77	160	33.20
November	6,028	45.81	3,743	38.05	9,768	42.84	245	31.54
December	4,710	45.65	3,179	37.66	7,888	42.43	303	35.09
Total	65,128	45.19	35,687	37.64	100,815	42.52	2,851	34.14
1990								
January	4,901	45.72	2,547	37.29	7,447			
February	4,381	45.92	1,862	36.36	6,243			
March	6,254	45.78	2,439	38.36	8,693			
April	4,754	45.95	3,836	38.60	8,590			
May	5,643	46.81	4,184	36.50	9,827			
1990 Year to Date	25,933	46.05	14,867	37.46	40,800			
1989 Year to Date	28,313	44.41	11,904	37.39	40,217			

¹ Includes bituminous, subbituminous, lignite, and anthracite.

² Average price of all coal exports in this category.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 4. Coal Exports, May 1990
(Short Tons)

Continent and Country of Destination	May 1990	April 1990	May 1989	Year to date		
				1990	1989	Percent Change
North America Total	1,969,740	1,321,017	1,699,054	4,077,475	4,442,911	-8.2
Canada ¹	1,944,237	1,314,280	1,669,886	3,993,386	4,357,535	-8.4
Jamaica	-	-	19,854	16,250	19,854	-18.2
Mexico	6,420	6,009	9,228	25,389	39,835	-36.3
Other ²	19,083	728	86	42,450	25,687	65.3
South America Total	320,458	344,062	417,492	2,929,221	3,078,930	-4.9
Argentina	-	-	-	259,827	259,596	.1
Brazil	272,545	300,985	369,691	2,434,744	2,518,154	-3.3
Chile	37,608	39,280	47,696	219,616	298,774	-26.5
Other ²	10,307	3,797	105	15,034	2,408	(³)
Europe Total	5,205,225	5,159,133	4,694,299	23,739,368	21,638,849	9.7
Albania	-	24,860	-	71,224	48,491	46.9
Belgium & Luxembourg	755,989	805,462	991,004	3,532,896	3,378,125	4.6
Bulgaria	-	-	-	87,955	-	-
Denmark	170,634	298,308	584,380	917,553	1,104,080	-16.9
Finland	48,816	-	-	48,816	93	(³)
France	551,282	604,620	374,974	3,465,617	2,709,642	27.9
Greece	-	153	75,201	443	75,201	-99.4
Ireland	160,609	168,648	64,750	631,762	372,453	69.6
Italy	901,460	1,121,813	1,065,877	4,899,611	4,952,102	-1.1
Netherlands	879,125	438,372	367,427	2,851,018	2,658,138	7.3
Norway	12,577	33,277	30,194	73,560	74,814	-1.7
Portugal	229,157	180,389	83,072	591,178	448,559	31.8
Romania	327,695	338,611	18,441	934,400	260,234	259.1
Spain	315,129	181,996	338,454	1,483,346	1,399,723	6.0
Sweden	167,850	5,085	-	255,584	136,773	86.9
Turkey	169,327	147,497	60,583	845,163	727,990	16.1
United Kingdom	435,563	552,587	491,947	2,139,342	2,338,928	-8.5
West Germany	29,690	176,866	192	437,249	255,429	71.2
Yugoslavia	40,095	82,793	167,803	445,499	677,572	-34.3
Other ²	10,627	-	-	27,352	20,502	33.4
Asia Total	2,284,503	1,592,055	2,545,981	9,382,472	9,961,143	-5.8
China (Taiwan)	404,734	495,651	634,958	2,155,226	1,443,981	49.3
Israel	133,417	-	148,817	342,539	283,032	21.0
Japan	1,263,507	868,770	1,377,732	5,222,996	6,507,190	-18.7
Korea, Republic of	481,983	127,634	384,321	1,660,392	1,692,291	-1.9
Pakistan	-	-	-	-	30,281	-
Other ²	862	-	153	1,319	4,368	-69.8
Oceania & Australia Total	-	-	-	555	-	-
Africa Total	67,386	173,792	327,801	871,182	1,095,230	-38.7
Algeria	-	57,308	127,948	101,501	438,596	-76.9
Egypt	-	48,788	48,312	248,830	285,752	-12.9
Other ²	67,386	67,608	151,541	320,851	370,882	-13.5
Total	9,827,312	8,590,059	9,684,627	40,800,273	40,217,063	1.5

¹ Based on the U.S. - Canada Free Trade Agreement, as of January, 1990 the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government. For this reason the quantity for both coal and coke, coal type (metallurgical and steam), and value of both coal and coke are no longer strictly comparable to the historical U.S. series due to the additional time lag in reporting.

² Includes countries with exports less than or equal to 50,000 short tons in 1989.

³ Changes of 500 percent or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 5. Average Price of Coal Exports, May 1990
(Dollars per Short Ton)

Continent and Country of Destination	May 1990	April 1990	May 1989	Year to date		
				1990	1989	Percent Change
North America Total	\$32.65	\$34.18	\$42.67	\$33.46	\$42.10	-20.5
Canada ¹	32.61	34.16	42.82	33.41	42.20	-20.8
Jamaica	-	-	30.57	30.57	30.57	(*)
Mexico	39.97	37.70	42.63	39.56	42.30	-6.5
Other ²	36.37	39.54	34.99	36.43	35.23	3.4
South America Total	44.80	45.71	45.02	45.24	44.21	2.3
Argentina	-	-	-	43.89	44.02	-3
Brazil	45.83	46.72	46.20	46.16	45.12	2.4
Chile	40.09	38.50	35.90	37.00	31.66	16.9
Other ²	34.97	39.98	35.00	36.55	39.76	-8.1
Europe Total	44.78	43.74	42.43	44.02	42.04	4.7
Albania	-	49.90	-	48.38	42.50	13.8
Belgium & Luxembourg	45.04	42.88	43.89	44.61	42.86	4.1
Bulgaria	-	-	-	49.24	-	-
Danmark	35.09	35.93	33.28	34.89	32.91	6.0
Finland	45.72	-	-	45.72	39.68	15.2
France	43.73	42.10	41.47	41.95	40.39	3.9
Greece	-	40.14	38.29	39.99	36.29	10.2
Ireland	39.26	36.29	32.96	38.37	37.16	3.3
Italy	45.87	45.14	43.97	44.52	43.26	2.9
Netherlands	44.18	39.72	41.11	43.33	40.12	8.0
Norway	-	-	39.97	-	39.97	-
Portugal	43.13	41.54	40.87	41.95	39.71	5.6
Romania	48.79	49.80	47.49	48.43	44.03	10.0
Spain	34.50	46.87	47.44	46.79	45.74	2.3
Sweden	48.96	-	-	48.51	40.47	19.9
Turkey	48.01	48.54	43.68	45.27	43.12	5.0
United Kingdom	47.48	47.88	47.21	47.18	45.36	4.0
West Germany	33.79	43.54	39.93	42.37	39.75	6.6
Yugoslavia	45.59	41.24	42.07	45.19	43.27	4.5
Other ²	39.97	-	-	39.97	40.35	-9
Asia Total	43.68	41.95	42.09	42.58	42.21	.9
China (Taiwan)	37.42	38.84	38.42	37.69	37.09	1.6
Israel	40.99	-	39.92	39.37	39.27	.2
Japan	44.93	42.91	43.70	43.84	42.85	2.3
Korea, Republic of	46.74	46.90	46.54	45.74	44.62	2.5
Other ²	39.52	-	37.66	39.64	37.52	5.7
Oceania & Australia Total	-	-	-	36.85	-	-
Africa Total	32.27	38.80	38.45	37.89	40.73	-7.0
Algeria	-	-	44.04	45.09	45.28	-4
Egypt	-	46.36	45.89	45.30	45.61	-7
Other ²	32.27	33.35	31.35	31.15	31.57	-1.4
Total	41.96	42.04	42.36	42.65	42.21	1.0
U.S. Total³	42.42	42.67	42.61	42.92	42.33	1.4

¹ Based on the U.S. - Canada Free Trade Agreement, as of January, 1990 the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government. For this reason the quantity for both coal and coke, coal type (metallurgical and steam), and value of both coal and coke are no longer strictly comparable to the historical U.S. series due to the additional time lag in reporting.

² Includes countries with exports less than or equal to 50,000 short tons in 1989.

³ Average price of all coal exports in this category.

(*) Rounded to zero

Note: Total may not equal sum of components because of independent rounding. Average price is based on the free alongside ship (f.a.s.) value. The average prices presented in this table are considered to be representative prices for coal exports and fall within the range of \$28 to \$50 inclusively.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 6. Steam Coal Exports, May 1990
(Short Tons)

Continent and Country of Destination	May 1990	April 1990	May 1989	Year to date		
				1990	1989	Percent Change
North America Total	1,394,850	1,019,818	895,574	3,174,112	2,734,437	16.1
Canada ¹	1,369,347	1,013,298	866,406	3,090,238	2,687,912	15.8
Jamaica	-	-	19,854	18,250	18,854	-18.2
Mexico	6,420	6,009	9,228	25,389	39,835	-36.3
Other ²	19,083	513	86	42,235	6,836	(³)
South America Total	105,589	43,077	47,801	295,161	301,279	-2.0
Argentina	-	-	-	-	89	-
Brazil	57,686	-	-	86,697	-	-
Chile	37,608	39,280	47,696	193,430	298,774	-35.3
Other ²	10,307	3,797	105	15,034	2,406	(³)
Europe Total	1,805,081	2,138,071	1,573,828	7,537,371	6,390,273	18.0
Belgium & Luxembourg	193,963	349,476	92,998	908,139	450,250	101.7
Bulgaria	-	-	-	39,065	-	-
Denmark	170,634	298,306	564,380	861,981	1,104,080	-21.9
Finland	-	-	-	-	93	-
France	232,017	222,474	87,855	1,208,570	783,233	54.3
Greece	-	153	75,201	443	75,201	-99.4
Ireland	160,609	168,646	64,750	631,762	203,229	210.9
Italy	276,200	413,541	449,659	1,744,305	1,948,791	-10.5
Netherlands	422,219	406,703	175,503	1,147,991	1,218,174	-5.8
Norway	7,394	17,960	13,552	37,085	20,229	83.3
Portugal	122,459	180,389	42,564	418,157	285,742	46.3
Romania	-	-	-	-	3,293	-
Spain	54,729	127	7,174	55,139	35,700	54.5
Sweden	-	-	-	-	74,824	-
Turkey	-	175	-	7,380	106	(³)
United Kingdom	124,540	71,590	-	355,522	94,513	276.2
West Germany	29,690	356	192	102,948	68,903	49.4
Yugoslavia	-	8,175	-	8,175	16,462	-50.3
Other ²	10,627	-	-	10,700	7,450	43.6
Asia Total	811,172	566,562	712,726	3,538,399	2,106,834	67.9
China (Taiwan)	404,734	495,651	523,481	2,050,166	1,121,766	82.8
Israel	133,417	-	-	342,539	134,215	155.2
Japan	186,322	70,911	189,041	925,969	622,329	32.7
Korea, Republic of	85,837	-	51	318,408	224,156	42.0
Other ²	862	-	153	1,319	4,368	-69.8
Oceania & Australia Total	-	-	-	555	-	-
Africa Total	67,386	68,038	151,541	321,281	370,882	-13.4
Egypt	-	430	-	430	-	-
Other ²	67,386	67,608	151,541	320,851	370,882	-13.5
Total	4,184,088	3,835,566	3,381,470	14,866,879	11,903,705	24.9

¹ Based on the U.S. - Canada Free Trade Agreement, as of January, 1990 the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government. For this reason the quantity for both coal and coke, coal type (metallurgical and steam), and value of both coal and coke are no longer strictly comparable to the historical U.S. series due to the additional time lag in reporting.

² Includes countries with exports less than or equal to 50,000 short tons in 1989.

³ Changes of 500 percent or more are not shown.

Note: Total may not equal sum of components because of independent rounding. Steam coal includes bituminous, subbituminous, lignite, and anthracite.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 7. Average Price of Steam Coal Exports, May 1990
(Dollars per Short Ton)

Continent and Country of Destination	May 1990	April 1990	May 1989	Year to date		
				1990	1989	Percent Change
North America Total	\$30.04	\$34.00	\$39.40	\$32.28	\$39.93	-19.1
Canada ¹	29.93	33.97	39.60	32.19	40.00	-19.5
Jamaica	-	-	30.57	30.57	30.57	(*)
Mexico	39.97	37.70	42.63	39.56	42.30	-6.5
Other ²	36.37	35.01	34.99	36.36	31.88	14.1
South America Total	41.21	38.63	35.89	37.47	31.78	17.9
Brazil	43.18	-	-	42.44	-	-
Chile	40.09	38.50	35.90	35.40	31.66	11.8
Other ²	34.97	39.98	35.00	36.55	39.76	-8.1
Europe Total	39.10	38.47	36.18	38.50	36.57	5.3
Belgium & Luxembourg	37.31	37.60	34.62	37.01	32.82	12.9
Bulgaria	-	-	-	48.99	-	-
Denmark	35.09	35.93	33.28	34.89	32.91	6.0
Finland	-	-	-	-	39.68	-
France	39.85	37.17	31.94	37.53	34.62	8.4
Greece	-	40.14	36.29	39.99	36.29	10.2
Ireland	39.28	36.29	32.96	38.37	37.66	1.1
Italy	39.63	39.98	40.79	39.95	40.20	-6
Netherlands	40.06	39.12	37.17	38.78	36.06	7.5
Norway	-	-	39.97	-	39.97	-
Portugal	40.42	41.54	38.10	39.95	38.40	4.0
Romania	-	-	-	-	38.78	-
Spain	34.50	40.06	-	34.54	39.77	-13.1
Sweden	-	-	-	-	35.38	-
Turkey	-	40.01	-	40.01	39.74	.7
United Kingdom	43.25	42.74	-	44.33	40.32	9.9
West Germany	33.79	40.04	39.93	38.40	30.66	25.2
Yugoslavia	-	-	-	-	35.00	-
Other ²	39.97	-	-	39.97	40.35	-9
Asia Total	39.05	38.61	35.58	37.98	36.08	5.3
China (Taiwan)	37.42	38.84	34.58	37.29	34.90	6.8
Israel	40.99	-	-	39.37	38.65	2.1
Japan	40.79	36.85	38.38	38.61	37.08	4.1
Korea, Republic of	39.92	-	39.57	39.33	37.67	4.4
Other ²	39.52	-	37.66	39.64	37.52	5.7
Oceania & Australia Total	-	-	-	36.85	-	-
Africa Total	32.27	33.37	31.35	31.15	31.57	-1.3
Egypt	-	35.91	-	35.91	-	-
Other ²	32.27	33.35	31.35	31.15	31.57	-1.4
Total	36.06	37.30	36.63	36.91	36.99	-.2
U.S. Total³	36.50	38.60	37.40	37.46	37.39	.2

¹ Based on the U.S. - Canada Free Trade Agreement, as of January, 1990 the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government. For this reason the quantity for both coal and coke, coal type (metallurgical and steam), and value of both coal and coke are no longer strictly comparable to the historical U.S. series due to the additional time lag in reporting.

² Includes countries with exports less than or equal to 50,000 short tons in 1989.

³ Average price of all steam coal exports.

(*) Rounded to zero

Note: Total may not equal sum of components because of independent rounding. Average price is based on the free alongside ship (f.a.s.) value. The average prices presented in this table are considered to be representative prices for coal exports and fall within the range of \$28 to \$50 inclusively. Steam coal includes bituminous, subbituminous, lignite, and anthracite.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 8. Metallurgical Coal Exports, May 1990
(Short Tons)

Continent and Country of Destination	May 1990	April 1990	May 1989	Year to date		
				1990	1989	Percent Change
North America Total	574,890	301,199	803,480	903,363	1,708,474	-47.1
Canada ¹	574,890	300,984	803,480	903,148	1,689,623	-46.5
Other ²	-	215	-	215	18,851	-98.9
South America Total	214,859	300,985	369,691	2,634,060	2,777,651	-5.2
Argentina	-	-	-	259,827	259,497	.1
Brazil	214,859	300,985	369,691	2,348,047	2,518,154	-6.8
Chile	-	-	-	26,188	-	-
Europe Total	3,400,144	3,021,062	3,120,471	16,201,997	15,248,578	6.3
Albania	-	24,860	-	71,224	48,491	46.9
Belgium & Luxembourg	562,026	455,996	899,006	2,624,757	2,927,875	-10.4
Bulgaria	-	-	-	48,890	-	-
Denmark	-	-	-	55,572	-	-
Finland	48,616	-	-	48,616	-	-
France	319,265	382,146	287,119	2,257,047	1,926,409	17.2
Ireland	-	-	-	-	169,224	-
Italy	625,260	708,072	616,219	3,155,308	3,003,311	5.1
Netherlands	456,906	31,669	181,924	1,703,027	1,439,964	18.3
Norway	5,183	15,317	16,642	36,475	54,585	-33.2
Portugal	106,698	-	40,508	173,021	162,917	6.3
Romania	327,695	338,611	18,441	934,400	256,941	263.7
Spain	260,400	181,889	331,280	1,428,207	1,384,023	4.7
Sweden	167,650	5,085	-	255,584	61,949	312.6
Turkey	189,327	147,322	60,583	837,774	727,884	15.1
United Kingdom	311,023	480,997	491,947	1,783,820	2,244,415	-20.5
West Germany	-	176,510	-	334,301	186,528	79.2
Yugoslavia	40,095	74,618	167,803	437,324	681,110	-33.9
Other ²	-	-	-	16,652	13,052	27.6
Asia Total	1,453,331	1,025,493	1,833,255	5,844,073	7,854,309	-25.6
China (Taiwan)	-	-	111,477	105,060	322,215	-67.4
Israel	-	-	148,817	-	148,817	-
Japan	1,077,185	897,859	1,188,691	4,397,027	5,884,861	-25.3
Korea, Republic of	376,146	127,634	364,270	1,341,986	1,468,135	-8.6
Pakistan	-	-	-	-	30,281	-
Africa Total	-	105,754	176,280	349,901	724,348	-51.7
Algeria	-	57,396	127,948	101,501	438,596	-76.9
Egypt	-	48,358	48,312	248,400	285,752	-13.1
Total	5,643,224	4,754,493	6,303,157	25,933,394	28,313,358	-8.4

¹ U.S. - Canada Free Trade Agreement, as of January, 1990 the U.S. Department of Commerce began reporting statistics on U.S. exports based on information on imports provided monthly by the Canadian government. For this reason the quantity for both coal and coke, coal type (steam), and value of both coal and coke are no longer strictly comparable to the historical U.S. series due to the additional time lag in reporting.

² Countries with exports less than or equal to 50,000 short tons in 1989.

³ Figures are not equal sum of components because of independent rounding.

Source: U.S. Department of Commerce, "Monthly Report EM 522."

Table 9. Average Price of Metallurgical Coal Exports, May 1990
(Dollars per Short Ton)

Continent and Country of Destination	May 1990	April 1990	May 1989	Year to date		
				1990	1989	Percent Change
North America Total	\$38.81	\$34.73	\$46.02	\$37.36	\$45.53	-17.9
Canada ¹	38.81	34.72	46.02	37.36	45.63	-18.1
Other ²	-	49.93	-	49.93	36.38	37.3
South America Total	46.50	46.72	46.20	46.10	45.01	2.4
Argentina	-	-	-	43.89	44.02	-.3
Brazil	46.50	46.72	46.20	46.32	45.12	2.7
Chile	-	-	-	48.84	-	-
Europe Total	48.09	47.47	45.58	46.62	44.30	5.2
Albania	-	49.90	-	48.38	42.50	13.8
Belgium & Luxembourg	47.91	46.93	44.85	47.28	44.30	6.7
Bulgaria	-	-	-	49.44	-	-
Finland	45.72	-	-	45.72	-	-
France	46.58	44.97	44.38	44.32	42.72	3.8
Ireland	-	-	-	-	38.20	-
Italy	48.63	48.21	46.29	47.05	45.24	4.0
Netherlands	47.98	47.37	44.72	46.40	43.56	6.5
Portugal	46.25	-	43.77	46.78	42.01	11.3
Romania	48.79	49.90	47.49	48.43	44.09	9.8
Spain	-	48.68	47.44	47.37	45.74	3.6
Sweden	48.96	-	-	48.51	46.62	4.0
Turkey	48.01	48.55	43.68	45.28	43.12	5.0
United Kingdom	49.17	48.85	47.21	47.75	45.57	4.8
West Germany	-	43.55	-	43.59	43.11	1.1
Yugoslavia	45.59	41.24	42.07	45.19	43.28	4.4
Asia Total	46.32	43.77	44.63	45.41	43.86	3.5
China (Taiwan)	-	-	45.14	45.64	44.71	2.1
Israel	-	-	39.92	-	39.92	-
Japan	45.64	43.34	44.55	44.83	43.46	3.1
Korea, Republic of	48.44	46.80	46.54	47.29	45.68	3.5
Africa Total	-	48.45	44.55	45.28	45.41	-.3
Algeria	-	-	44.04	45.09	45.28	-.4
Egypt	-	46.45	45.89	45.32	45.61	-.6
Total	46.55	45.77	45.36	45.95	44.35	3.6
U.S. Total¹	46.81	45.95	45.40	46.05	44.41	3.7

¹ Based on the U.S. - Canada Free Trade Agreement, as of January, 1990 the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government. For this reason the quantity for both coal and coke, coal type (metallurgical and steam), and value of both coal and coke are no longer strictly comparable to the historical U.S. series due to the additional time lag in reporting.

² Includes countries with exports less than or equal to 50,000 short tons in 1989.

▪ Average price of all metallurgical coal exports.

Note: Total may not equal sum of components because of independent rounding. Average price is based on the free alongside ship (f.a.s.) value. The average prices presented in this table are considered to be representative prices for coal exports and fall within the range of \$28 to \$50 inclusively.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 10. Coal Exports by Customs District, May 1990
(Short Tons)

Customs District	May 1990	April 1990	May 1989	Year to date		
				1990	1989	Percent Change
Eastern Total	5,548,691	4,941,739	5,853,941	26,114,026	26,841,522	-2.7
Baltimore, MD	1,029,369	724,865	1,277,721	3,822,860	4,240,713	-9.9
Portland, ME	-	-	-	493	159	210.1
Buffalo, NY	2,433	5,362	8,021	22,034	26,444	-16.7
New York City, NY	248	1,120	105	3,409	1,338	154.8
Ogdensburg, NY	1,486	1,524	603	7,736	5,008	54.5
Philadelphia, PA	212,251	224,378	293,211	890,979	832,840	7.0
Norfolk, VA	4,302,904	3,984,480	4,274,280	21,366,515	21,735,020	-1.7
Southern Total	2,263,224	2,247,275	1,832,886	9,787,359	8,068,038	21.3
Mobile, AL	862,377	760,163	736,385	3,862,531	3,440,672	12.3
Savannah, GA	-	-	-	-	725	-
Miami, FL	99	215	-	314	1,175	-73.3
Tampa, FL	-	206	-	18,099	-	-
New Orleans, LA	1,290,942	1,240,216	1,032,252	5,147,257	4,289,330	20.0
Wilmington, NC	-	-	-	-	70,417	-
Charleston, SC	77,936	238,727	60,056	678,612	233,579	190.5
Houston-Galveston, TX	25,450	4,412	73	59,349	6,180	(1)
Laredo, TX	6,420	3,336	4,120	21,197	25,960	-18.3
Western Total	135,081	168,252	274,351	1,068,898	997,970	7.1
Anchorage, AK	85,837	-	-	318,408	224,105	42.1
Nogales, AZ	-	2,673	-	2,673	-	-
Los Angeles, CA	713	158,141	259,385	678,943	742,578	-8.6
San Diego, CA	-	-	2,162	1,519	2,414	-37.1
San Francisco, CA	48,531	7,383	-	55,914	-	-
Great Falls, MT	-	-	-	-	98	-
Portland, OR	-	-	-	-	576	-
Seattle, WA	-	55	12,804	11,443	28,199	-59.4
Northern Total	1,877,632	1,230,730	1,723,449	3,817,542	4,309,533	-11.4
Chicago, IL	-	8,682	-	8,682	-	-
Detroit, MI	881,126	202,428	1,682	1,709,463	10,611	(1)
Duluth, MN	-	-	-	-	41	-
Pembina, ND	-	-	4,011	87	13,829	-99.4
Cleveland, OH	996,506	1,019,622	1,717,756	2,099,310	4,285,052	-51.0
Total	9,827,312	8,590,059	9,684,627	40,800,279	40,217,063	1.5

¹ Changes of 500 percent or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 11. Coke Exports, May 1990
(Short Tons)

Continent and Country of Destination	May 1990	April 1990	May 1989	Year to date		
				1990	1989	Percent Change
North America Total	49,844	33,242	54,130	159,472	236,410	-32.5
Canada ¹	42,388	27,378	43,557	105,218	168,490	-37.6
Mexico	7,198	5,773	10,387	53,668	67,505	-20.5
Other ²	260	91	206	586	415	41.2
South America Total	12,594	-	-	34,355	21,475	60.0
Venezuela	12,594	-	-	34,355	21,475	60.0
Europe Total	-	-	-	33,659	34,474	-2.4
Asia Total	-	-	71,756	-	71,756	-
Japan	-	-	71,756	-	71,756	-
Total	62,438	33,242	125,886	227,486	364,115	-37.5

¹ Based on the U.S. - Canada Free Trade Agreement, as of January, 1990 the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government. For this reason the quantity for both coal and coke, coal type (metallurgical and steam), and value of both coal and coke are no longer strictly comparable to the historical U.S. series due to the additional time lag in reporting.

² Includes countries with exports less than or equal to 50,000 short tons in 1989.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 12. Coal Imports, May 1990
(Short Tons)

Continent and Country of Origin	May 1990	April 1990	May 1989	Year to date		
				1990	1989	Percent Change
North America Total	76,049	81,560	169,379	409,073	473,214	-13.6
Canada	76,049	81,560	165,725	402,869	447,286	-9.9
Mexico	-	-	3,654	6,204	25,928	-76.1
South America Total	88,050	100,421	119,469	651,641	504,774	29.1
Colombia	88,050	78,892	93,188	580,563	413,363	35.6
Venezuela	-	23,529	26,281	91,078	91,411	-4
Asia Total	-	-	23,149	-	23,200	-
China (Peking)	-	-	23,149	-	23,149	-
Korea, Republic of	-	-	-	-	51	-
Total	144,099	181,981	311,997	1,060,714	1,001,188	5.9

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

Table 13. Average Price of Coal Imports, May 1990
(Dollars per Short Ton)

Continent and Country of Origin	May 1990	April 1990	May 1989	Year to date		
				1990	1989	Percent Change
North America Total	\$21.85	\$24.13	\$23.18	\$25.44	\$23.61	7.8
Canada	21.85	24.13	23.12	25.18	23.26	8.3
Mexico	-	-	25.36	38.36	28.57	34.3
South America Total	42.68	39.56	33.25	38.63	32.79	17.8
Colombia	42.68	37.07	34.83	38.00	32.94	15.4
Venezuela	-	47.67	27.66	42.45	32.14	32.1
Total	32.22	37.50	27.49	34.32	28.78	19.3
U.S. Total	34.08	31.45	32.19	34.32	32.85	4.5

¹ Average price of all coal imports.

Note: Total may not equal sum of components because of independent rounding. Average price is based on the free alongside ship (f.a.s.) value. The average prices presented in this table are considered to be representative prices for coal imports and fall within the range of \$20 to \$50 inclusively. Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

Table 14. Coal Imports by Customs District, May 1990
(Short Tons)

Customs District	May 1990	April 1990	May 1989	Year to date		
				1990	1989	Percent Change
Eastern Total	69	23,553	18	185,912	33,932	447.9
Boston, MA	-	-	-	99,723	-	-
Portland, ME	-	23,529	-	86,075	-	-
Buffalo, NY	45	24	-	69	-	-
Ogdensburg, NY	24	-	18	45	18	150.0
Philadelphia, PA	-	-	-	-	33,914	-
Southern Total	68,050	76,892	123,104	505,672	496,769	1.8
Tampa, FL	40,492	40,780	93,188	385,715	322,285	19.7
San Juan, PR	-	36,112	26,291	82,927	148,575	-44.2
Laredo, TX	-	-	3,635	6,204	25,909	-76.1
Virgin Islands	27,558	-	-	30,826	-	-
Western Total	9,322	10,120	27,088	40,008	87,586	-54.3
San Diego, CA	-	-	19	-	19	-
San Francisco, CA	-	-	23,149	-	23,200	-
Great Falls, MT	4,322	5,120	3,918	21,741	56,623	-61.6
Seattle, WA	5,000	5,000	-	18,267	7,744	135.9
Northern Total	68,658	71,416	161,789	329,122	382,901	-14.0
Chicago, IL	28,942	57,558	135,214	115,684	163,936	-29.4
Duluth, MN	-	-	-	-	431	-
Pembina, ND	37,716	13,858	26,575	213,438	218,534	-2.3
Total	144,099	181,981	311,997	1,060,714	1,001,188	5.9

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

Table 15. Coke Imports, May 1990
(Short Tons)

Continent and Country of Origin	May 1990	April 1990	May 1989	Year to date		
				1990	1989	Percent Change
North America Total	3,894	1,291	66,478	30,404	178,311	-82.9
Canada	3,894	1,291	66,478	8,617	177,877	-95.2
Mexico	-	-	-	21,787	434	(¹)
Europe Total	20,492	-	143,083	39,572	452,046	-91.2
Belgium & Luxembourg	-	-	-	-	98,283	-
France	-	-	-	-	36,872	-
Italy	20,492	-	-	39,572	-	-
Netherlands	-	-	17,244	-	17,244	-
Poland	-	-	-	-	17,708	-
United Kingdom	-	-	-	-	28,582	-
West Germany	-	-	77,992	-	205,510	-
Yugoslavia	-	-	47,847	-	47,847	-
Asia Total	-	-	102,844	122,988	465,924	-73.6
China (Peking)	-	-	23,103	-	67,054	-
Japan	-	-	79,741	122,988	398,870	-69.2
Oceania & Australia Total	45,177	-	42,468	45,177	288,386	-84.3
Australia	45,177	-	42,468	45,177	288,386	-84.3
Total	69,563	1,291	354,873	238,139	1,384,667	-82.8

¹ Changes of 500 percent or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

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